

Converting Colors

Yxy(31.5869, 0.3154, 0.2941)

Have a look what the booklet for
Yxy(31.5869, 0.3154, 0.2941)
contains.

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Color

Yxy(31.6614, 0.3153, 0.2948)

Conversions

Conversions Part 1

Format	Color
Hex	AA91A9
RGB	170, 145, 169
RGB Percent	67%, 57%, 66%
CMY	0.3334, 0.4313, 0.3372
CMYK	0.00, 0.15, 0.01, 0.33
HSL	302°, 13%, 62%
HSV	302°, 15%, 67%
XYZ	33.8631, 31.6614, 41.8751
YIQ	155.2110, 7.1960, 12.7640

Conversions

Conversions Part 2

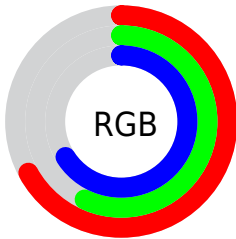
Format	Color
R _Y B	170, 145, 169
Decimal	11178409
CIE Lab	63.06, 13.67, -9.13
CIE LCh	63, 16.442, 326.270
Yxy	31.6614, 0.3153, 0.2948
Android (android.graphics.Color)	4289368489 (0xFFAA91A9)
YUV	155.2110, 6.7980, 12.9700
Hunter-Lab	56.2685, 8.9538, -4.7358

Details

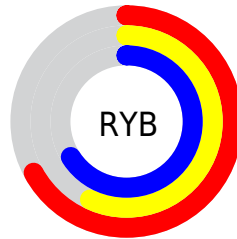
The Yxy color **31.6614, 0.3153, 0.2948** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8370, 0.3101, 0.3658**, and the grayscale version is **32.8439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2362, 0.3148, 0.3017**, and **13.1413, 0.3164, 0.2831** is the 20% darker color. If you saturate the color by 10%, you get **26.8261, 0.3172, 0.2710**, and if you desaturate by 10%, it is **37.2768, 0.3135, 0.3183**.

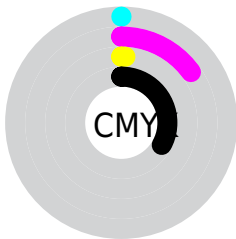
Distribution



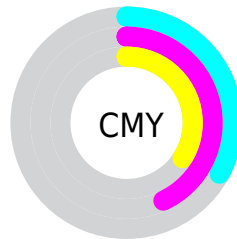
- Red (67%)
- Green (57%)
- Blue (66%)



- Red (67%)
- Yellow (57%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (33%)




- Cyan (33%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6614, 0.3153, 0.2948 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 31.6614, 0.3153, 0.2948 by changing the saturation by 10% instead.


 31.6614, 0.3153,
0.2948

 31.6614, 0.3153,
0.2948

309.5739, 0.3141,
0.3126

 21.1030, 0.3156,
0.2901


 62.2799, 0.3149,
0.3014

 13.1993, 0.3158,
0.2840


 83.1088, 0.3147,
0.3038

 7.5659, 0.3162,
0.2756


108.1300, 0.3146,
0.3059

 3.8185, 0.3165,
0.2635

137.7278, 0.3145,
0.3076

 1.5725, 0.3166,
0.2441

172.2867, 0.3144,
0.3091

 0.3390, 0.3275,
0.1692

212.1911, 0.3143,

 0.0000, 0.0000,

0.3104

0.0000

257.8254, 0.3142,
0.3116

■ 31.6614, 0.3153,
0.2948

■ 31.6614, 0.3153,
0.2948

■ 26.8261, 0.3172,
0.2710

■ 37.2768, 0.3135,
0.3183

■ 22.7324, 0.3192,
0.2477

■ 43.7005, 0.3119,
0.3409

■ 19.3447, 0.3213,
0.2255

■ 50.9643, 0.3104,
0.3623

■ 16.6227, 0.3233,
0.2055

■ 59.0969, 0.3090,
0.3822

■ 14.5225, 0.3252,
0.1885

■ 68.1260, 0.3078,
0.4007

■ 12.9943, 0.3270,
0.1753

■ 78.0778, 0.3068,
0.4175

■ 11.9813, 0.3286,
0.1662

■ 83.1034, 0.3062,
0.4245

■ 11.4139, 0.3300,
0.1613

■ 83.1287, 0.3058,
0.4238

■ 11.2056, 0.3306,
0.1595

■ 83.1542, 0.3055,
0.4230

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.6614, 0.2898, 0.2862



31.6614, 0.3153, 0.2948



31.6614, 0.3410, 0.3116

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.6614, 0.3153, 0.2948



31.6614, 0.3553, 0.3703



31.6614, 0.2681, 0.3221

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



31.6614, 0.3153, 0.2948



36.8370, 0.3101, 0.3658

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



31.6614, 0.2843, 0.3469



31.6614, 0.3153, 0.2948



31.6614, 0.3345, 0.3755

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



31.6614, 0.3153, 0.2948



31.6614, 0.3646, 0.3544



31.6614, 0.3085, 0.3670



31.6614, 0.2634, 0.3006

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



31.6614, 0.3153, 0.2948



31.6614, 0.3545, 0.3256



31.6614, 0.3085, 0.3670



31.6614, 0.2723, 0.3303

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



31.6628, 0.3153, 0.2948



68.3301, 0.3134, 0.3197



29.2512, 0.2904, 0.2908



15.0575, 0.3135, 0.3180



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.6628, 0.3153, 0.2948



54.1123, 0.3160, 0.2862



31.2200, 0.3275, 0.3121



7.6616, 0.3143, 0.3076



8.2469, 0.3305, 0.1595



0.2021, 0.3271, 0.1576

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.6628, 0.3153, 0.2948



54.1123, 0.3160, 0.2862



37.2428, 0.3001, 0.3465



7.6616, 0.3143, 0.3076



8.2469, 0.3305, 0.1595



0.2021, 0.3271, 0.1576

Previews

White Background



This preview shows how the Yxy color 31.6614, 0.3153, 0.2948 looks on a white background.

Color Contrast Check

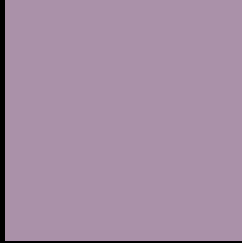
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 31.6614, 0.3153, 0.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

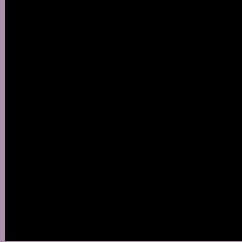
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.6614, 0.3153, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 31.6614, 0.3153, 0.2948.



This preview shows how white text looks on a background with the Yxy color 31.6614, 0.3153, 0.2948.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

31.6614, 0.3153, 0.2948

Protanopia

31.8632, 0.2911, 0.2976

Deuteranopia

31.7956, 0.3060, 0.3011



Tritanopia

31.6609, 0.3238, 0.3130

Trichromacy



Original Color

31.6614, 0.3153, 0.2948

Protanomaly

31.6415, 0.2995, 0.2952

Deuteranomaly

31.8995, 0.3100, 0.3000

Tritanomaly

31.6014, 0.3210, 0.3059

Monochromacy



Original Color

31.6614, 0.3153, 0.2948

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.1449, 0.3133, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6614, 0.3153, 0.2948 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(170, 145, 169)` looks like.

```
.text, #text, p{  
    color:rgb(170, 145, 169)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(170, 145, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 145, 169) }
```

Border

The CSS property to change the border of an element to Yxy 31.6614, 0.3153, 0.2948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 145, 169) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(170, 145, 169) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(170, 145, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 145, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 145, 169);  
box-shadow:4px 4px 4px 4px rgb(170, 145,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6614, 0.3153, 0.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 145, 169) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(170,  
145, 169) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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